

Proposed Claim Amendments

Claims 1-27 (Cancelled).

28. (New) A radio communication apparatus comprising:

a reception section that receives an orthogonal frequency division multiplex (OFDM) signal;

a subcarrier selection section that selects a plurality of subcarriers where higher reception quality is measured;

a channel quality indicator (CQI) generating section that generates one CQI reflecting the reception quality of all of the plurality of subcarriers selected; and

a reporting section that reports the generated CQI and information indicating the plurality of subcarriers, to a communicating party.

29. (New) The radio communication apparatus according to claim 28, wherein the subcarrier selection section selects subcarriers of reception quality equal to or higher than a threshold based on reception quality and a threshold decision against a threshold reported from the communicating party.

30. (New) The radio communication apparatus according to claim 29, wherein the threshold is controlled adaptively according to an amount of traffic in a cell of the radio communication apparatus and neighboring cells.

31. (New) The radio communication apparatus according to claim 28, wherein the subcarrier selection section selects the same number of subcarriers as notified from the communicating party.

32. (New) The radio communication apparatus according to claim 31, wherein the number of subcarriers is controlled adaptively according to an amount of traffic in a cell of the radio communication apparatus and neighboring cells.

33. (New) The radio communication apparatus according to claim 29, wherein said subcarrier selection section selects subcarriers from subcarriers restricted beforehand out of all subcarriers.

34. (New) A communication terminal apparatus comprising the radio communication apparatus according to claim 29.

35. (New) A radio communication method comprising the steps of:
selecting a plurality of subcarriers of higher reception quality;
generating one channel quality indicator (CQI) reflecting reception quality of all of the plurality of subcarriers selected; and
reporting the generated CQI and information indicating the plurality of subcarriers, to a communicating party.

36. (New) A radio communication system comprising:

a base station apparatus that sends information which becomes a selection criterion of subcarriers, to a communication terminal apparatus; and

a communication terminal apparatus that comprises:

a subcarrier selection section that selects a plurality of subcarriers of higher reception quality based on selection criterion information sent from said base station apparatus and reception quality of each subcarrier;

a channel quality indicator (CQI) generating section that generates one CQI reflecting the reception quality of all of the plurality of subcarriers selected; and

a reporting section that reports the generated CQI and information indicating the plurality of subcarriers, to said base station apparatus.